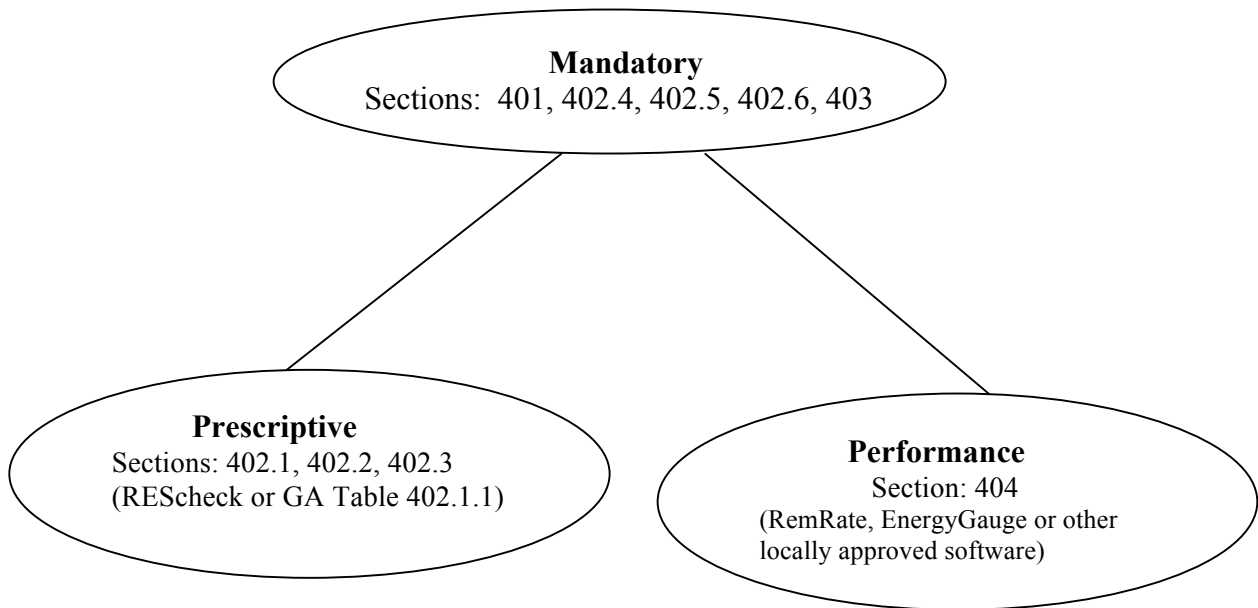


2006 IECC Residential Compliance Paths



Prescriptive Approach:

Shall comply with Sections: 401, 402.1, 402.2, 402.3, 402.4, 402.5, 402.6, and 403.

Sect. 401.3-Certificate Required (GA Amendment)

Sect. 402.1-Building Thermal Envelope (GA Amendment, Table 402.1.1)

-Insulation and Fenestration Requirements

Sect. 402.2-Specific Insulation Requirements (GA Amendment 402.2.8)

-Attics, mass walls, steel frame, floors, basement, crawl, slab.

Sect. 402.3-Fenestration (GA Amendment 402.3.7)

-Average U and SHGC requirements

Sect. 402.4-Air Leakage (GA Amendments: 402.4.4, 402.7, Table 402.7.1)

Sect. 402.5-Moisture Control

Sect. 402.6-Maximum fenestration U-factor and SHGC

Sect. 403-Systems (GA Amendments: 403.1.2, 403.2.1, 403.2.2)

-Duct sealing and insulation, equipment sizing.

Note: Shall Comply with ACCA Manual J and ACCA Manual D

Performance Approach:

Shall comply with Sections: 401, 402.4, 402.5, 402.6, 403, and 404.

Sect. 404.3-Performance based compliance

-simulated energy performance requires that a proposed design be shown to have an annual energy cost that is less than or equal to the annual energy cost of the standard reference design.

-REScheck software cannot support a cost analysis and therefore cannot be used for this approach. However, REScheck can still be used for the U-factor (Sect. 402.1.3) and UA alternatives (402.1.4) option.